

Center for Standards (JEB)

MEMORANDUM FOR DISTRIBUTION

SUBJECT: Status of the Approval and Implementation of DOD
Data Standards

1. With the issuance of DOD Directive 8320.1, DOD Data Administration, in September 1991, the DOD Data Administration Program was established to manage data as a corporate asset. Since that time, the focus of the program has been the development, approval, and implementation of standard data. Metrics to assess program progress and accomplishments were established by the Deputy Assistant Secretary Of Defense for Information Management (DASD(IM)) and published in the Corporate Information Management (CIM)/Enterprise Integration Implementation Guidance, Strategies, and Targets in October 1994. Metrics include the number of standard DOD data elements, the number and percentage of standard DOD data elements used in DOD migration systems, and the number and percentage of DOD migration systems using sharable databases.

2. In November 1994, the Functional Data Administrators estimated the need for 13,196 standard data elements. The set of core data elements, those most shared across functional areas, was estimated at 9,200. The majority of core data elements were determined to support Command and Control, Logistics, and Personnel and Readiness requirements.

3. As of 16 February 1999, the number of standard data elements documented in the Defense Data Dictionary System (DDDS) is 13,290, with 686 data elements in the approval process. Enclosure 1 provides a breakout of the number of standard data elements by functional area.

4. To support the program metrics discussed above, the DDDS provides the capability to register the implementation of standard data elements in Automated Information Systems (AISs). As of 19 February 1999, 76 AIS have at least one standard data element registered. Enclosure 2 provides a breakout of these AISs and the number of registered data elements for each AIS.

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5. We are at a point in the life of the program where the data administration and systems development communities need to determine how much has been accomplished and how much remains to be done. In order to plan and prepare for future requirements, we need to assess the status of the approval and implementation of standard data elements. Now is also an opportune time to continue the registration of data elements and their associated AISS in the DDDS.

6. For Functional Data Administrators Please provide an estimate of the number of standard data elements required for each functional area under your oversight. Enclosure 3 provides the metrics to be reported. This information is requested no later than 12 April 1999.

7. For Functional and Component Data Administrators Please provide the status of standard data element implementation for appropriate AISS within your functional area or component organization. Enclosure 4 provides the metrics to be reported. Your implementation status report is due no later than 10 May 1999.

8. Please contact Ms. Leslye Hughes regarding any questions or comments you may have on this request. She may be reached at (703) 735-3203, DSN Prefix 653 or at hughesl@ncr.disa.mil.

3 Enclosures a/s

[signed]
CARMIN C. CAPUTO
DOD Data Administrator

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Distribution:

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National Security Agency (NSA/CSS)
Defense Special Weapons Agency (DSWA), Component Data Administrator, IRM Office/ADP Control and Acquisition Division

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U.S. Space Command (J6)
U.S. Special Operations Command (SOJ6)
U.S. Strategic Command (J6)
U.S. Transportation Command (JTCC)
Defense Information Systems Agency, DISA/CIO

STANDARD DATA ELEMENTS BY FUNCTIONAL AREA
 (as of 18 February 1999)

FUNCTIONAL AREA	APPROVED	CANDIDATE
Acquisition Program Integration	455	10
Administration & Management	100	7
Comptroller	435	28
Command, Control, Communications & Intelligence	1678	168
Defense Research & Engineering	2589	4
Environmental Security	684	23
External Data Standards (X12)	1335	
Health Affairs	769	80
Industrial Affairs & Installations	230	19
Information Management	737	
Intelligence	317	31
Legislative Affairs	17	
Logistics	2235	226
Personnel & Readiness	1018	59
Policy	40	1
Procurement	643	30
Program Analysis & Evaluation	8	
TOTAL	13,290	686

AUTOMATED INFORMATION SYSTEMS WITH REGISTERED
STANDARD DATA ELEMENTS IN THE DEFENSE DATA
DICTIONARY SYSTEM
(as of 19 February 1999)

APP ID	APPLICATION NAME	DATA ELEMENTS
2000148	AIR FORCE OPERATIONS RESOURCE MANAGEMENT SYSTEM	405
2000194	AIRLIFT IMPLEMENTATION AND MONITORING SYSTEM	1
2000211	THE MILITARY AIRCRAFT INTEGRATED REPORT SYSTEM(MAIRS)	2
2000294	AERIAL PORT AUTOMATED COMMAND AND CONTROL SYSTEM	1
2000543	COMPUTER AIDED LOAD MANIFESTING	199
2000642	COMPOSITE HEALTH CARE SYSTEM	1
2000679	CARGO MOVEMENT OPERATIONS SYSTEM	159
2001011	FUELS AUTOMATED MANAGEMENT SYSTEM-AIR FORCE LEVEL	78
2001101	GLOBAL DECISION SUPPORT SYSTEM MUTLI-LEVEL SECURITY	10
2002065	ACC INTEGRATED COMMAND CONTROL SYSTEM	1
3000363	JUMPS AUTOMATED CODING SYSTEM	1
9999999	DEFENSE TRAVEL SYSTEM	325
31001182	AUTOMATED SPECIAL SECURITY INFORMATION SYSTEMS	1
31001283	CASUALTY AUTOMATED INFORMATION SYSTEM (USMC)	1
31001823	GLOBAL COMMAND AND CONTROL SYSTEM	956

ENCLOSURE 2

31001826	GUARDRAIL COMMON SENSOR	1
31002606	PACIFIC AUTODIN MULTIPLEX SYSTEM	1
31002700	RESERVE COMPONENTS COMMON PERSONNEL DATA SYSTEM	23
34000001	OMB A-106	32
34000039	INSTALLATION RESTORATION PROGRAM INFORMATION MANAGEMENT SYSTEM	196
34000060	TANK MANAGEMENT SYSTEM	77
34000064	COMPLIANCE DEFICIENCY REPORTING	1
34000069	RESTORATION MANAGEMENT INFORMATION	104
36000035	CHILD/SPOUSE ABUSE REPORTING SYSTEM	1
36000036	DEFENSE BLOOD STANDARD SYSTEM	1
36000050	ENCODER/GROUPER (GOVERNMENT OWNED)	1
36000053	FAMILY ADVOCACY PROGRAM-CENTRAL REGISTRY DIRECT ACCESS SYSTEM	1
36000068	MEDICAL BOARDS TRACKING SYSTEM	1
36000110	NUTRITION MANAGEMENT INFORMATION SYSTEM	1
36000124	AVIATION MEDICAL DATA RETRIEVAL SYSTEM	1
38000002	AUTOMATED RESOURCES MANAGEMENT SYSTEM	18
53000123	DEFENSE INTEGRATION SUPPORT TOOLS	1
53000215	JOINT COMPUTER-AIDED LOGISTICS SYSTEM	2
99000168	DEFENSE DATA DICTIONARY SYSTEM	40
99000172	WRANGLER	1
99000192	AMC (AIR MOBILITY COMMAND) DATA REPOSITORY AIS	12
99000207	DEFENSE SOFTWARE REPOSITORY SYSTEM	57

99000253	MODERNIZED INTEGRATED DATA BASE	1
99000276	MC&GPS PRODUCTION SYSTEM	2
99000502	DB 1383 REPORT	32
99000557	COORDINATION MANAGER/ SPECIAL NEEDS PROGRAM MANAGEMENT INFORMATION SYSTEM	1
99000634	AUTOMATED COMSEC MANAGEMENT AND ENGINEERING SYSTEM	1
99000793	DEFENSE SITE ENVIRONMENTAL RESTORATION TRACKING SYSTEM	104
99000890	PERSONAL COMPUTER VIEW 3	175
99000966	COMPLIANCE DEFICIENCY MANAGEMENT MODULE	89
99000976	LOGISTICS MODULE	509
99000980	STANDARD PROCUREMENT SYSTEM	1
99001013	THIRD PARTY OUTPATIENT COLLECTION SYSTEM	1
99001201	ACTIVITY LAND AND FACILITIES ASSETS	1
99001234	INSTALLATION RESTORATION DATA MANAGEMENT INFORMATION SYSTEM	196
99001302	COMPLIANCE MONITORING & TRACKING SYSTEM	1
99001369	JOINT RECRUTING INFORMATION SUPPORT SYSTEM	1
99001389	BUDGET STRATIFICATION ARMY PROCUREMENT APPROPRIATION	1
99001400	DEFENSE INFORMATION INFRASTRUCTURE	760
99001588	JOINT SVCS IMAGERY PROCESSING SYSTEM	1
99001644	FEDERAL LOGISTICS INFORMATION SYSTEM	189
99001725	AUTOMATED TRAINING REQUIREMENTS ANALYSIS SYSTEM	22

99001728	OPERATIONS TRAINING MODERNIZATION SYSTEM	11
99001737	TASK INVENTORY ANALYSIS REQUIREMENTS APPLICATION SYSTEM	17
99001739	TEST CONTROL OFFICER NETWORK ADMINISTRATION	24
99001761	AIRMAN PROMOTION TEST STATISTICAL ANALYSIS SYSTEM	22
99001837	MAIL LIST (FORMERLY KNOWN AS AJINS)	30
99002101	AFROTC FINANCIAL, CADET AND LOGISTICS INFORMATION MANAGEMENT SYSTEM	124
99002444	ACOUSTIC AUTOMATED INFORMATION SYSTEM	2
99002445	NAVIGATION SENSOR SYSTEM INTERFACE REAL TIME SUBSYSTEM BLOCK 0	1
99002886	JOINT OPERATION PLANNING AND EXECUTION SYSTEM	954
99003484	ARMY ACQUISITION PROGRAM EXECUTIVE REVIEW SYSTEM	1
99004001	EXPORTABLE TRAINING DATABASE	10
99004130	ACQUISITION INFORMATION MANAGEMENT	509
99004579	DAISY	246
99004588	ENVIRONMENTAL REPORTING LOGISTICS SYSTEM	85
99004679	STANDARD AUGMENTED MASS STORAGE ACCESS METHODS	1
99007281	MILITARY PAY VOUCHER LOG	21
99007839	HAZARDOUS SUBSTANCE MANAGEMENT SYSTEM	5
99008155	THEATER BATTLE MANAGEMENT CORE SYSTEM	29
99011901	JCDB JOINT COMMON DATA BASE	49
TOTAL AIS: 76		TOTAL DATA ELEMENTS: 6943

ESTIMATE OF REQUIRED STANDARD DATA ELEMENTS

For each functional area under your oversight, please provide estimates for the number of required standard data elements as specified in the table below.

<i>Estimates for (Functional Area) *</i>	<i>Number</i>	<i>Completion Date</i>
Standard data elements desired	1200	
Core standard data elements required to be shared	650	
Core data elements remaining to be standardized	250	
Date when remaining core data elements will be proposed for standardization		30 Sep 99

* Numbers and date used are notional and are provided for explanation only.

STATUS OF AIS DATA STANDARDIZATION

For each Automated Information System (AIS) that requires the implementation of DOD standard data elements in accordance with DOD 5000.2-R, DODD 8000.2, the Joint Technical Architecture, and DODD 8320.1, please provide the following information.

<i>Status of [AIS Name] Data Standardization *</i>	<i>Number</i>	<i>Percentage</i>
Shared Data Elements required to be standard	555	83.3
- Approved DoD Data Elements	333	
□ Candidate DOD Data Elements	150	
□ Data Elements to be standardized	72	
Registered with AIS in the DDDS	333	
Data Elements not required to be standard	111	16.7
Total	666	100.0

* Numbers and percentages used are notional and are provided for explanation only.